VINYL INSTALLATION GUIDE

WINDOWS SHOULD ALWAYS BE IN THE CLOSED AND LOCKED POSITION

NEW CONSTRUCTION WINDOWS

NOTE: For proper installation and operation Sierra Pacific recommends a minimum of a 4-inch nominal wall thickness.

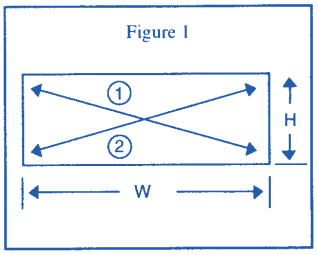
1. CHECK THE SQUARENESS OF THE ROUGH OPENING. (Check Figure 1)

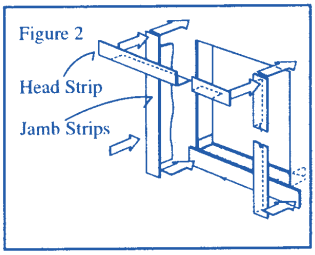
Sierra Pacific recommends that the rough opening be 1/2" greater than the window buck width and 1/2" greater than the window buck height. Diagonal measurements should not exceed 1/2".

2. OPENING PREPARATION (Check Figure 2).

A. When opening is O.S.B. sheathing, felt strips should be applied first, wrapped around the jambs & sill to extend minimum of 6" from perimeter of window frame.

B. On thermo ply applications, window should be sealed with weather barrier tape around full perimeter taking care not to leave nail openings exposed including all thermo ply seams.





3. PREPARE THE WINDOW

Apply sealant (AAMA 802.3-92 type, ANSI approved or equal silicone sealant) or equivalent to the interior surface of the nailing flange. A 1/4' diameter bead of sealant should be applied in one continuous bead on the sides and head only. A discontinuous bead of sealant with two 2" voids may be placed on the sill flange.

4. INSTALLING THE WINDOW

Place a 1/4" shim at each corner of the bottom sill and at mullions. Place the window in the opening with flanges tight against the opening. SASHES SHOULD BE CLOSED AND LOCKED. Center the window from top to bottom and side to side. This will allow the interior trim to be installed without impeding the operation of the window. Square, plumb, and shim window. Windows exceeding 60" in height, should be shimmed at the center cross rail to insure a plumb jamb. Shims should be firm but not so tight as to bow any components of the window frame.

5. FASTENING THE WINDOW

We recommend using 2" galvanized roofing nails, beginning 3-4" from each corner. Begin fastening through a pre-punched hole in the top corner. Check for level, plumb, and square. Continue to fasten through a pre-punched hole in the opposite corner. Re-check for level, plumb, and square. Continue to fasten around the perimeter of the unit using every other nail hole. Do not nail the flange tight. Like siding, nailing should be just tight enough to hold the window, but not impede movement of the structure underneath during expansion and contraction.

REPLACEMENT WINDOWS

1. Carefully remove the inside stops using a wood chisel and save for later use.
2. Remove the lower sash by cutting cords or chains and lower weights inside jambs. (Gently). Do not allow weights to fall any further than necessary.
3. Pry out intermediate parting stop and discard.
4. Remove upper sash in same manner as lower sash.
5. Remove cord pulleys and double check opening for any obstructions that might prevent a clean flush opening.
6. Clean entire opening with a brush or vacuum.

PREPARING THE OPENING

NOTES:

- Pre-drill installation holes, if not present, before proceeding to Step 1.
- Use a 1/8" drill bit to pre-drill holes. 1-3" from each corner and 16" on center thereafter.
- Use 2 1/4" to 3" x #8 galvanized round top screw for installation.
- Instructions refer to the Optional Premium Installation Kit which includes the head expander, sill extender and foam.



1. Place foam on the window, next place the head expander on the window.
2. Install sill extender into the accessory groove.
3. Set window in the opening: check for proper fit, then remove the window.
4. Caulk inside of blind stops (head and jambs), also caulk where the sill meets stool.
5. Place window in openings and set firmly against blind stops.
6. Pre-drill unit as described in NOTES section above. While holding window tightly against blind stops, install installation screw in pre-drilled holes at the top of each jamb. DO NOT TIGHTEN.
7. Option: At this time you can fill the cavity between the window and wood with insulation.
8. Plumb and level the window. For hung windows, raise the lower sash several inches and check that there is equal space between the sash and sill all the way across. Shim as necessary.
9. When the window has alignment clips, adjust so that there is equal space on both sides, be careful not to bow out jamb.
10. Install two lower screws. DO NOT TIGHTEN.
11. Check unit for proper operation (up & down, tilt-in, lock, and screen movement): Adjustments can be made by turning installation screws.
12. Once a unit operates properly, all screws should be drawn up snug. DO NOT OVER TIGHTEN.
13. Apply head expander, if not already in place.
14. Caulk inside of window, top and sides where window meets wood.
15. Replace all interior trim.

**These are our minimum recommended installation criteria. Cosmetic and exterior finishes may affect the overall performance of a structure. Specifications as per the architect/engineer and or local codes must be adhered to for all through wall fenestration.*

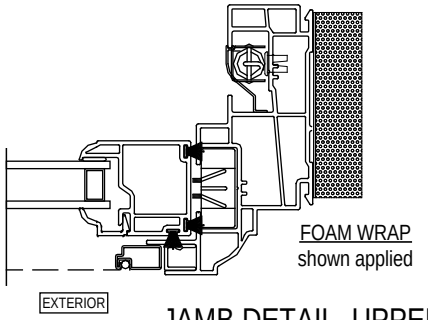
The use of non-compatible cleaning products such as, but not limited to muriatic acid will cause irreputable damage to the structural integrity of vinyl and other window components. Failure to properly protect the window product when applying such agents will void warranties as they apply to effected components.

PREMIUM INSTALLATION KIT

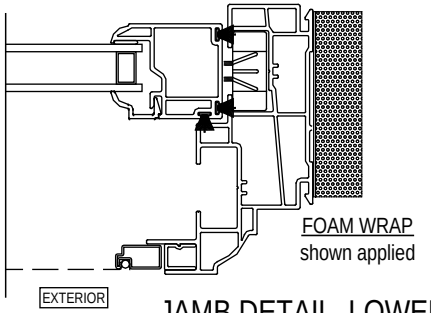
Available on 8500 Series Replacement Windows:

- Premium Double Hung & Sliding Windows
- Casement Windows
- Awning Windows
- Designers' Single Hung & Sliding Windows

KIT SHOWN ON Premium Double Hung Window.
Application of the kit is the same for all other replacement windows

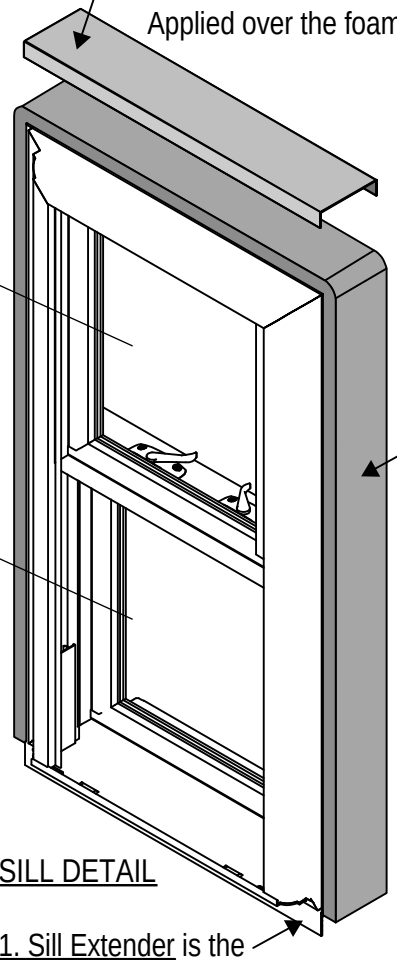


JAMB DETAIL, UPPER SASH



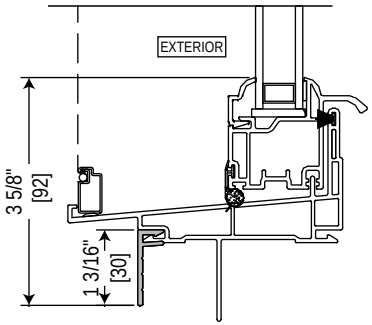
JAMB DETAIL, LOWER SASH

3. Head Expander
is the width of the frame.
Applied over the foam.

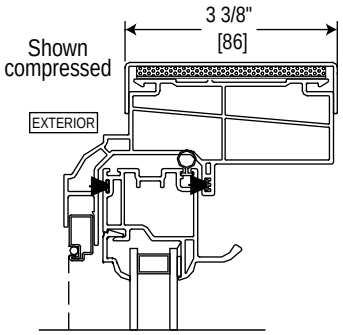


SILL DETAIL

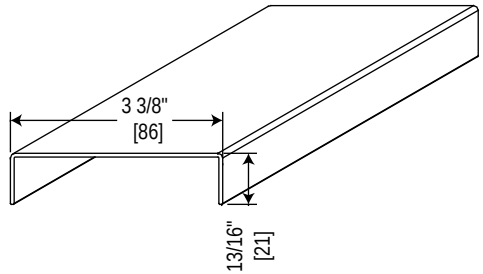
1. Sill Extender is the
width of the frame.
Snaps into accessory groove



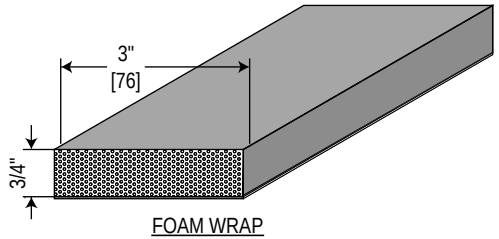
HEAD DETAIL



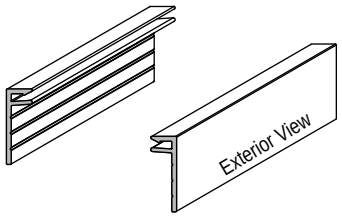
2. Foam Wrap starts at the bottom of one jamb,
wraps over the head and down the other jamb to the sill.
Peel PSA backer from foam, starting at the bottom of one jamb,
apply the foam on the jamb, over the head and down the other jamb.



HEAD EXPANDER
for Replacement and Remodel Only



FOAM WRAP
for Replacement and Remodel Only
Grey foam with PSA backer.



SILL EXTENDER
for Replacement and Remodel Only

SIERRA PACIFIC WINDOWS